Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 19 Sep 2022 until 23:59 on Tuesday 20 Sep 2022

Forecast Issued on Monday 19 Sep 2022 at 05:45

Confidence: High for the general evolution. Lower for extent and distribution of cloud, the chance of light showers and for the timing of rain on Thursday and Friday.

Headline for Monday 19 Sep 2022: Rather cloudy with some brighter spells. Patchy light rain and drizzle possible during the afternoon.

Mountain weather hazards on Monday 19 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Cloudy	Dull	Cloudy	Partly cloudy (night)
Precipitation probability					
20%	10%	10%	30%	20%	<05%

Forecast for Monday 19 Sep 2022

Weather: Generally rather cloudy day across much of the park, with brighter spells towards the south. Misty conditions likely on higher slopes at times during the morning. Chance of early showers from the Irish Sea clipping the northwest of the Peaks. Cloud tending to thicken from the west later, bringing an increased chance of patchy light rain or drizzle during the late afternoon. Cloud then expected to break up to give clear intervals overnight.

Chance of cloud-free hill tops above 600m: 40% at first, soon improving to 80%. 60% mid-afternoon in precipitation.

Low cloud and visibility: Cloud bases around 500m will cover some slopes and summits at times throughout the morning bringing poor visibility as a result, however, this should lift to leave summits largely clear by late-morning. Cloud is expected to lower from the west in the afternoon with bases on windward slopes likely to fall to 300-400m. Bases lifting well clear of the summits by the evening with breaks developing. Visibility outside of cloud generally very good but slight deteriorations possible during any light showers, and very poor visibility expected in rain and drizzle.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Mountain Weather Forecast

Forecast for Monday 19 Sep 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/7 SW	7/9 W	8/12 W	9/12 W	9/12 NW	7/9 W	7/9 W
300	3/4 SE	4/5 W	6/9 W	7/10 W	6/9 W	5/7 W	5/7 SW
Valley	1/4 E	2/4 SW	4/8 W	5/9 W	4/10 NW	3/7 W	3/6 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/6	8/6	10/8	11/9	10/8	9/8	9/7
300	10/10	11/10	13/12	13/12	12/12	12/11	11/10
Valley	10/10	12/11	14/13	14/13	13/13	12/12	12/12
Freezing Level*	2000m	2000m	2100m	2200m	2200m	2300m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigation may be difficult on higher slopes at times due to mist and cloud cover, particularly during the afternoon with a risk of extensive poor visibility. Elevated UV levels with strong afternoon sunshine where cloud breaks develop.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 19 Sep 2022	9.4mm	9.4mm	9.4mm

Forecast for Tuesday 20 Sep 2022

Weather: Cloudy in places initially with light rain and drizzle soon clearing. Bright spells elsewhere with early mist and fog in the valleys gradually lifting clear of summits by mid-morning. Higher-based cloud will turn sunshine hazy at times throughout the day. Skies clearing a bit more into the evening.

Maximum wind: Westerly, 5-10 mph gusting 15 mph.

Chance of cloud-free hill tops above 600m: 30% at first, improving to 90% by mid-morning.

Low cloud and visibility: Cloud above 300m through the early morning, with pulses of patchy rain and drizzle giving poor or very poor visibility. Early mist and fog in valleys may cover some lower slopes initially, with patches covering higher summits as fog lifts into low cloud as it clears. Cloud bases then largely remaining above summits with visibility becoming very good.

Temperature: **Valleys:** Plus 10 Celsius, rising to plus 16 Celsius.
At 600m: Plus 6 Celsius, rising to plus 13 Celsius.
Freezing level: Above the summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.